

12/09/04

PTO/SB/08a (08-03)
Approved for use through 07/31/2008. OMB 0651-0331
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

1

of

1

Complete if Known

Application Number	10/804,445
Filing Date	03/19/2004
First Named Inventor	Allen Samuels
Art Unit	3751
Examiner Name	Unknown

Attorney Docket Number 1042-003

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
		Number-Kind Code ² (if known)			Class	Sub	
MF		US- 2,500,743	03/14/1950	M. D. Beem et al.	5	604	
		US- 3,590,392	07/06/1971	Hollander et al.	4	663	
		US- 3,458,871	08/05/1969	S. Rivetti Di Valcervo	4	664	
		US- 3,808,607	05/07/1974	Harder	4	545	
		US- 3,943,583	03/16/1976	Ishikawa	5	605	
		US- 4,718,131	01/12/1988	Kitamura et al.	4	663	
		US- 4,780,919	11/01/1988	Harrison	5	600	
		US- 4,996,727	05/03/1991	Wyatt	4	484	
		US- 5,060,325	10/29/1991	Carnahan et al.	5	605	
		US- 5,285,540	02/15/1994	Putz	4	661	
		US- 5,384,920	01/31/1995	Havens	4	480	
		US- 5,647,074	07/15/1997	White, Jr. et al.	4	664	
MF		US- 6,109,189	08/29/2000	Tarver	108	48	
MF		US- 6,151,738	11/28/2000	Arr	5	661	
		US-					
		US-					
		US-					
		US-					

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY 06/1991	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)					
MF		DE 9001456	02/15/1994	Kollman, Gabi			
MF		DE 29815217	09/30/1999	Hymer AG			
MF		GB 2376183	12/11/2002	Hermon P. Anthony			
MF		DE 4013210	10/31/1991	Guderley Andrea			

Examiner Signature

Robert M. Jel

Date Considered

09/18/06

*EXAMINER: Initial if reference considered/whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.87 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for: form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

1

of

1

Complete if Known

Application Number	10/804,445
Filing Date	03/19/2004
First Named Inventor	Allen Samuels
Art Unit	3751
Examiner Name	Unknown
Attorney Docket Number	1042-003

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
		Number-Kind Code ² (if known)			Class	Sub	
AMC		US- 41,602	02/16/1864	W. Campbell	312	201	
		US- 49,766	9/05/1865	G. W. Koch	4	664	
		US- 68,802	09/10/1867	C.A. Staples	312	210	
		US- 275,837	04/17/1883	J. C. McLaughlin	5	1	
		US- 391,599	10/23/1888	A. D. Elwell	4	665	
		US- 1,077,199	10/28/1913	W. C. James	4	547	
		US- 1,379,318	05/24/1921	G. F. Steinkamp	4	664	
		US- 1,525,605	02/10/1925	W. Dry	5	604	
		US- 1,730,547	10/08/1929	R. W. Wallace	4	664	
		US- 1,763,209	06/10/1930	O. H. Ayers et al.	4	663	
		US- 1,756,635	04/29/1930	W. R. Dennis et al.	4	664	
		US- 1,859,859	05/24/1932	D. F. Zook	4	596	
		US- 2,173,185	09/19/1939	S. J. S. Stanton	4	663	
		US- 2,198,605	04/30/1940	H. A. Faber	4	663	
		US- 2,355,615	08/15/1944	L. W. Helmuth	4	553	
		US- 2,438,665	03/30/1948	A. T. Hesse	4	553	
AMC		US- 2,500,739	03/14/1950	M. Beem	5	605	
AMC		US- 2,500,740	03/14/1950	M. Beem	5	606	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ← Kind Code ⁵ (if known)				

Examiner Signature

Date Considered

04/18/05

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Please type a plus sign (+) inside this box → +

PTO/SB/08B (10-98)

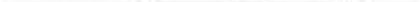
Approved for use through 10/31/89. OMB 0651-C031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Collection of information unless it contains a valid OMB control number.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT			
(use as many sheets as necessary)			
Sheet	1	of	1
		Application Number	10/804,445
		Filing Date	03/19/2004
		First Named Inventor	Allen Samuels
		Group Art Unit	3751
		Examiner Name	Unknown
		Attorney Docket Number	1042-003

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
JW		International Search Report for Appln. No. PCT/US2004/008562 dated November 8, 2004, 16 pg.s.	

Examiner Signature		Date Considered	04/18/2024
--------------------	---	-----------------	------------

***EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1.1 Unique citation designation number. 2. Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Assistant Commissioner for Patents, Washington, DC 20231.